

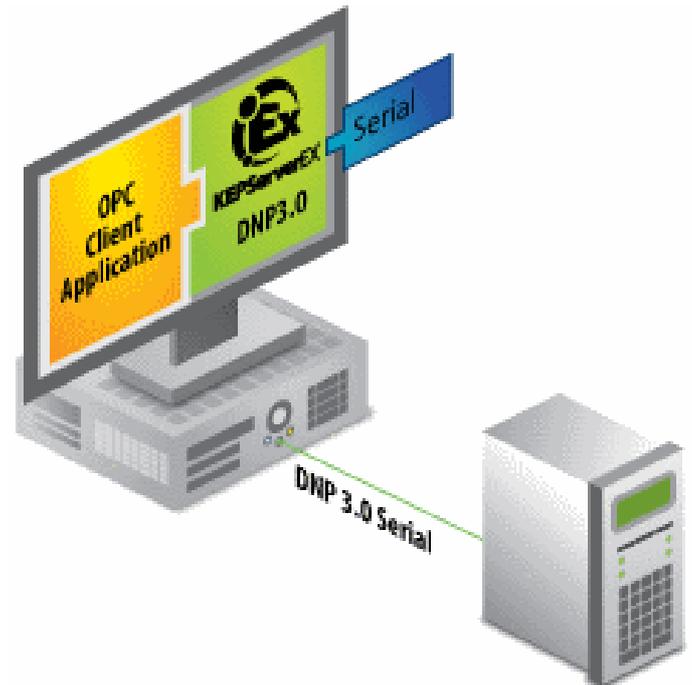


"THE WORLD LEADER IN COMMUNICATIONS FOR AUTOMATION!"

1-207-775-1660

## DNP Master Serial Device OPC Server

The **DNP Master Serial Device Driver** works in conjunction with our OPC server and supports any DNP3 slave device. The DNP Master Serial driver serves as a master to one or more devices using the Distributed Network Protocol (DNP3). The DNP3 Serial driver includes the Water Industry Telemetry Standard which provides added security through authentication, additional data sets, specific to the water industry, plus the ability to manage distributed device assets and their attributes. The DNP Master Serial OPC Driver is also included in the Power Distribution Suite.



### The DNP OPC Server Suite includes:

- DNP Master Ethernet OPC Server
- DNP Master Serial OPC Server

### Plug-in Driver Features:

- DNP 3.0 protocol / DNP 3.0 in Level 3 implementation
- Communication with multiple DNP devices
- TCP support (events, monitor and control)
- Ethernet encapsulation
- Unsolicited messaging
- Configuration of analog deadband
- WITS-DNP3 Support
  - WITS Asset management/Device information
  - WITS Security (authentication)
  - WITS Data Sets
    - Analog State Changes, Counter State Changes, Binary State Changes, Field Device Health Check, Alarm Inhibit

**Protocol**

- DNP 3 (Distributed Network Protocol)

**Supported Devices**

- This driver supports any DNP3 slave device

**Application Support**

- OPC Data Access (OPC DA) Versions 1.0a, 2.0, 2.05a, 3.0
- OPC Alarms and Events (OPC AE) Version 1.10
- OPC Unified Architecture (OPC UA) Version 1.01
- OPC Express Interface (OPC Xi) Version 1.00
- SuiteLink and FastDDE for Wonderware
- NIO Interface for iFIX
- DDE Format CF\_Text and AdvancedDDE

**Additional Information and Resources:**

- KEPServerEX OPC Server Features
- DNP Master Serial Device Revision History
- KEPServerEX Revision History
- Connecting Visual Basic to DNP Master Serial Device
- System Requirements
- OPC Compliancy Testing
- KEPServerEX v5 Licensing
- Upgrade Pricing

**Related Products:**

- LinkMaster OPC Bridging Software
- OPC UA Client Driver
- OPC DA Client Driver
- DataLogger Option for KEPServerEX
- Advanced Tag Option for KEPServerEX
- RedundancyMaster OPC Redundancy Software
- Support and Maintenance Agreement
- Support and Maintenance Agreement Pricing
- Legacy Pricing Policy

**Drivers "Plug-in" to KEPServerEX**

The DNP Master Serial Device OPC Server is a plug-in device driver for KEPServerEX. A "Plug-in" is a software program (.dll) that extends the capabilities of KEPServerEX to fit the communication requirements of a specific device or system. The plug-in driver handles all of the proprietary communications between the device/system and the OPC layer, KEPServerEX. The KEPServerEX core then handles all OPC and Proprietary Client communications between the plug-in driver and the Client application. For a complete list of features and capabilities please visit the KEPServerEX overview page.

- OPC Foundation Certified - The Best of OPC on the Market
- High Performance - Multi Threaded - Runtime Configurable
- Detailed Protocol Diagnostics - Communications Trace
- Detailed OPC Diagnostics - Communications Trace
- Native Interfaces - Client Connectivity Beyond the OPC Standards
- Stratus High Availability Computing - Certified
- Marathon High Availability Computing - Certified
- Kepware 2 Hour Demonstration Mode on all Products

